

19970901.ba v01_n647.bam.970901 v01_n648.bam.970901

>From ???@??? Mon Sep 01 10:51:11 1997
Message-Id: <199709010502.AAA22336@sco.theporch.com>
Date: Mon, 1 Sep 1997 00:02:07 CDT
Subject: BOATANCHORS digest 1647

BOATANCHORS Digest 1647

Topics covered in this issue include:

- 1) Hayward, Wisconsin hamfest report
by Dale Braun <dkbraun@spacestar.com>
- 2) Re: test of time
by Dale Braun <dkbraun@spacestar.com>
- 3) Comaire tuners Commie?
by MNHopkins@aol.com
- 4) Re: test of time
by Dick Flanagan <dick@merlin.libelle.com>
- 5) "Oval Eye" modulation patterns
by "Roberta J. Barmore" <rbarmore@indy.net>
- 6) fs: stuff n' junque
by tom.daley@teabbs.com (Tom Daley)
- 7) You guys think *YOU* get interesting spam? Take a look...
by Tom Norris <badger@telalink.net>
- 8) Re: test of time
by Jim Lockwood <jmlckwd@mindspring.com>
- 9) Re: HOWARD RADIO # 436 need info
by J P Taillebois <jpt1@idirect.com>
- 10) Re: You guys think *YOU* get interesting spam? Take a look...
by Ed Tanton <n4xy@bellsouth.net>
- 11) For Sale Items
by Kevin Pease <hamradio@mm1001.theporch.com>
- 12) R390
by laffitte@prtc.net (laffitte)
- 13) Need info on BC-375
by J P Taillebois <jpt1@idirect.com>
- 14) TR4C
by howellh@winthrop.edu
- 15) Shelby
by =?iso-8859-1?Q?WA=D8HQQ?= <tirevold@atl.mindspring.com>
- 16) NC-300 parts !
by EdKB2NSP@aol.com
- 17) Re: Another RCH question
by "A.B. Bonds" <ab@vuse.vanderbilt.edu>
- 18) Going to Rochester - AWA Meet Sept 3-6, I'm selling...
by "John H. Dilks III" <oldradio@worldnet.att.net>
- 19) R-274 - SX-73 parts

by "Robert Nickels" <ranickel@mwci.net>
20) WTB: Collins filters
by Bill Coleman N2BC <n2bc@ibm.net>
21) Condx...
by Ken Gordon <keng@uidaho.edu>
22) A weird SX-71 problem solved!
by Keith Heitzmann <kk5fe@communique.net>

Date: Sat, 30 Aug 1997 18:59:26 -0500
From: Dale Braun <dkbraun@spacestar.com>
To: boatanchors@theporch.com
Subject: Hayward, Wisconsin hamfest report
Message-ID: <3408B3DE.2820@spacestar.com>

Folks,
Traveled US highway 63 north through the rain to Hayward, Wisconsin, about 60 miles south of Lake Superior. A small hamfest held at the local armory. Fun group, most tables sold this year.

BA's sited included a really nice SX-111/HT-37 pair for \$225, a DX-60B in great shape for \$50, an S-40B for \$65, a TR-4 station (I think) for around \$250, two older FT-101's, a R-1051 (mil receiver?) for \$400, a Gray marine radio, a Gonset 6M AM transceiver (forgot model number). That's about it I think. Several tables with parts, transformers, coils, caps, test equipment, tubes, accessories, etc.

I came away with a VTVM, 3 813's, a Heathkit coffee mug, and miscellaneous parts. Nice to see people.

73,
Dale
WD9GWH

Date: Sat, 30 Aug 1997 19:01:25 -0500
From: Dale Braun <dkbraun@spacestar.com>
To: boatanchors@theporch.com
Subject: Re: test of time
Message-ID: <3408B455.494F@spacestar.com>

While no longer in production, something that was around a long time and still is commonly found at hamfests and often duplicated is the Heath Antenna dummy load. Also, I think that the SWR bridge in its many

forms should get a vote, not just the Bird.

73,
Dale

Date: Sun, 31 Aug 1997 09:06:30 -0400 (EDT)
From: MNHopkins@aol.com
To: Boatanchors@theporch.com
Cc: kbritain@johnstontech.com
Subject: Comaire tuners Commie?
Message-ID: <970831090629_-1301229784@emout06.mail.aol.com>

A Quiz: What well known ham writer once owned a company named Comaire that made VHF ham stuff and airport beacons before going to QST?

If you did not answer Doug DeMaw, W8HHS cum W1FB, it must be because you were misled by your complete collection of VHFer magazine into thinking he has always been only a writer. But let me present Exhibit A:

At my side, traveling because of a shack move, is a Mod. LM-6N2 Comaire tuner complete with a logo showing 3 fighter planes moving toward a tower with an atom symbol surrounding a big "C." It is a rugged and competent tuner that feeds my various anacronisms thru twinlead, like a real ham, to the folded dipole at 30' on the garage. It is off white with a black case, but it never caught on. It is the only one I have ever seen save the one in the legendary July '64 edition of 73 Magazine called "Special VHF Issue," and having a buyer's guide worth more than the cover price of 40 cents to the researcher.

But why did not these things, well, take off? I think I know. These were the post Red Scare days and just before the Vietnam build up. Goldwater, K7UGM, just got 27 million votes, and Doug marketed something that sounded like "Communist," had a capitol "C" prominently featured. It must have been too much for patriotic hams just 7 years from Sputnik.

So when you look under the table at the next hamfest, look for one of these too; another dust bunny in the ashes of International Collectivism -- especially the model with the built in SWR bridge

73 de ab5l, michael in dallas, chair, Texas Hams against UnAmerican activities, Joe Pool chapter, and collector of All American ham gear from Tecraft and International Crystal, not Commie crap. Michael Hopkins

Box 226941
Dallas, TX 75222

MNHopkins@AOL.com

Date: Sun, 31 Aug 1997 08:23:09 -0700
From: Dick Flanagan <dick@merlin.libelle.com>
To: dkbraun@spacestar.com
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: test of time
Message-ID: <v03110703b02f3c24000b@[207.33.105.223]>

At 5:01 PM -0700 8/30/97, Dale Braun wrote:
>While no longer in production, something that was around a long time and
>still is commonly found at hamfests and often duplicated is the Heath
>Antenna dummy load. Also, I think that the SWR bridge in its many
>forms should get a vote, not just the Bird.

I believe the original poster was looking for long-lived products that were still in production today! The Bird 43 would qualify, but, unfortunately, the venerable Heath Antenna wouldn't.

73, Dick

--
Dick Flanagan W6OLD CFII Minden, Nevada
Visit <http://www.delphi.com/electronic/>

Date: Sun, 31 Aug 1997 11:03:13 -0500 (EST)
From: "Roberta J. Barmore" <rbarmore@indy.net>
To: BA <boatanchors@sco.ThePorch.com>
Subject: "Oval Eye" modulation patterns
Message-ID: <Pine.SUN.3.96.970831101111.24076B-100000@indy1>

Hi!

As promised, here's the dope on Millen's method of getting an indication of the percentage of modulation of received signals. It's from the National ad on page 47 of the March, 1936 (Vol. XX, No. 3) QST.

W1HRX used an HRO receiver and a National CRO 2" 'scope (tube is, I think, a 906; no amplifiers. It's a simple 'scope but it'd be handy to look at the docs for the National CRO, if anyone's got a copy).

Signal is taken from the plate of the last IF amp through a 0.5mF condenser. Far end of the condenser connects to the ungrounded horizontal deflection plate of the 'scope. From that terminal, a 20K resistor connects to the ungrounded vertical deflection plate. (Millen notes that

the wiring should be carefully made to have minimum capacity to ground and the last IF transformer should be retuned after the connections are made).

Quoting: "The principle of operation is not complicated either. The signal is impressed directly on the horizontal deflection plates, causing a horizontal trace. At the same time, the signal is also impressed on the vertical deflection plates, but because of the 20,000 ohm resistor, the vertical trace is out of phase and an elliptical pattern results."

(Millen's indulging in some hand-waving; it takes an RC *network* to shift phase, and we're looking at each end of the R component).

"...The top picture represents an unmodulated signal. It is a single, sharp oval line. If the signal is now modulated, the trace will be seen to widen to a ribbon, as shown in the second picture. It should be noted that this widening occurs in 'both directions'; that is, the outside length of the oval increases, while the length of the inside dark area decreases. If these two dimensions are called D1 and D2 respectively, the percentage modulation can be calculated from the well-known formula:

"Modulation = $[(D1-D2)/(D1+D2)] \times 100$ (per cent)

"As might be expected, for 100% modulation, the dark area in the center of the pattern decreases to zero. This point can be determined quite accurately. If the signal be over-modulated, the illuminated area increases still further, and a bright spot appears in the middle of the figure. Such a pattern is shown in the lowest illustration. This last pattern is quite unmistakable, and looks for all the world like the revolving turntable of a phonograph with a record in place. The exact amount of over-modulation cannot be calculated, but this is not particularly important since all percentages of over-modulation are equally illegal under the regulations.

"One or two precautions must be observed in interpreting the signals. The most important thing to remember is that the device measures modulation at the second detector in the receiver, not necessarily at the transmitter. Errors can be due to two sources. Defects in the receiver, such as cross-modulation, poor frequency characteristic [bandwidth? -RJB] and improper coupling of the H.F. oscillator can all affect the apparent modulation. In a well-designed receiver the resulting error is quite small, and in any case can be readily checked by tuning in a transmitter whose modulation is known. Such a test can usually be arranged without any difficulty, since a large number of transmitters are equipped with oscilloscopes these days.

"The second source of error is more of a variable. Static, heterodynes and similar disturbances appear at the second detector as a modulation of the carrier (since otherwise they could not ride through the receiver). Since these extraneous signals are superimposed on the regular modulation, they will make the signal appear to have a higher percentage of modulation than is really the case. Therefore, in order to make these measurements it will be necessary to have the signal out in the clear. Even when conditions are very bad, it will usually be found that there are moments when the signal is clear and a moment is enough when one is watchful.

"We recommend you try it out. In addition to being easy to rig, and fascinating to watch, a very useful monitoring service is performed...."

And there it is. A clever trick! I suspect James Millen is being *very* literal when he likens the display to a revolving phonograph record; the phase shift is constant with frequency--the sidebands from modulation will be shifted differently and proportional to their frequencies, probably resulting in the appearance of rotary motion in the display.

I'd be delighted to hear from anyone who tries this out! Some fiddling with component values may be needed with fancier 'scopes and other IF frequencies.

73,
--Bobbi

Date: Sun, 31 Aug 1997 17:06:02 GMT
From: tom.daley@teabbs.com (Tom Daley)
To: boatanchors@theporch.com
Subject: fs: stuff n' junque
Message-ID: <873047162@teabbs.com>

hello all the follwoing is for sale

1. vibroplex standard bug, great condition (like new), grey base \$85
2. drake mn7 matching network (antenna tuner), works ! good condition, front panel great, case has scuffs with original manual ! missing two small knobs on slide swicthes. \$95
3. heath hw16 hf cw transceiver, in good condition and works ! has spot mod. all original no rust just dust case has scuffs. knobs/front panel good \$50
4. knight v44 vfo in good condition. works! front panel has minor scuffs and dial has wear. case is nice. no rust ! think this was a sixties version based on main knob. missing some original screws with manual copy \$50
5. knight t60 transmitter in good shape. complete and original front panel has a bad spot were a fellow had a sticker or something and another tried to remove it, scratching panel. unit is clean. untested with manual copy (i think) \$45

all above plus ups

thanks 73 tom

Date: Sun, 31 Aug 1997 13:57:38 -0500
From: Tom Norris <badger@telalink.net>
To: boatanchors@theporch.com, BOATANCHORS@LISTSERV.TEMPE.GOV
Subject: You guys think *YOU* get interesting spam? Take a look...
Message-ID: <3.0.3.32.19970831135738.007e1900@telalink.net>

Yes, I realize this is not BA related, (dont beat me Jack)
but my page that this guy is referencing is. I guess he did
a keyword search and found "military" and "equipment" but
never bothered to actually LOOK at the web site. I promise
I am *NOT* an arms dealer, guys... heehee

So, see message below for your amusement.

Tom
KA4RKT

>Date: Sun, 31 Aug 1997 13:54:54 -0700
>From: Mohammad Saad Uddin <nazutex@erols.com>
>Organization: Nazu Tex International
>To: badger@telalink.net
>Subject: REQUEST FOR RELATED ITEMS PRICE QUOTE
>X-URL: <http://www.telalink.net/~badger/millist/mi.html>
>
>Attn:
> Sale Manager
> International
> Sales And marketing Dept.
>
>Dear Sir:
>
>we are looking for the price of the items and spare parts for
international supplies to
>overseas. Please provide us best whole sales price quote and we also want
to become your
>distributors for these products
>the items are as followed.
>
> GUNand SPARES
>1. 155MM M2 & M2A1

- >2. 105 MM GUN CANNON M-68 FITTED TANK M-48A5
- >3. HOW MED TOWED 155MM SPARES (HOWILZER GUN)
- >4. CARRIAGE GUN 155 M-1 AND SPARE
- >5. 155 MM HOW (SP) GUN M 109A2 AND SPARES
- > RADIO SETS
- >1. RADIO SET AN.VRC12.46& 49
- >2. RADIO SET AN/VRC-1.46 &49
- >3. RADIO SET AN.PRC-77
- >4. SEMI CONDUCTOR DIODS
- > VEHICLES
- >1. TRANSMISSION AND TRANSFER GASE ASSMY FOR JEEP M38A1/CJ-5 & OTHER M-SERIES VEHS LIKE
- >M34-B2 ETC, INCLUDING SPARES PARTS FOR ENGINE AND BODY
- >2. OUT BOARD MOTOR (obm) 25.ph MODEL 33703-5.33703M-MK-EVINUDE-SPARES
- >3. ENGINE FOR M-88 A1 (ARV M-88A1) ARMoured RECOVERY VEHICLE
- >4. APC M113A1 & 1TV901 (ARMoured PESONNEL VEHCL
- >5. MAIN PROPUSION BATTERY SUBMARINES
- >EQUIPMENT
- >1. T-37/C-130 A/C TOOLS AND TEST EQUIPMENT
- >2. SSG FROGMEN EQUIP
- >3. WEIGHING BALANCE BALANCE ELECTRONIC 0.001.5 kh
- >4. CRIMPING MACHINE
- >5. HIGH ALTITUDE EQUIP
- >6. SKI EQUIP
- >7. MINE DETECTION EQUIP
- >8. EXPLOSIVE TAPES
- >9. BOMB NEUTRALIZING EQUIP
- >KIT & MISALLENEOUS
- >1. NIGHT VISION SIGHT SPARES AN/USA-12A-SPARES
- >2. FLYING CLOTHING ITEMS JACKET FLYING COVER ALL
- >3. MAP LITHO PAPER 80/85 GSM SIZE 25X35 USE FOR MAKING MAPS
- >4. IMAGE INTENSIFIER TUBE 18MM MICROCHANNEL WAFER MX-9915/UV-11GEN
- >5. BULLET PROOF JACKET
- >6. FRAGMENTATION PROTECTION KIT
- >TRACTOR
- >1. SPARE PARTS FOR CATERPILLAR MODEL D-4 D7 &D8-ENGINE & TRANSMISSION
- >
- >JAVED MIAN
- >CONTRACTS &PURCHASING DEPT.
- >
- >

Please visit The Mil List for info on military communications gear:

[HTTP://telalink.net/~badger/millist/mi.html](http://telalink.net/~badger/millist/mi.html)

This is a non-comercial endeavor strictly for providing
info for those who have a need for it - and intertainment

for those who dont....

ANY and ALL Contributions Welcome.

Tom Norris KA4RKT

badger@telalink.net Nashville, Tennessee, USA

thermionic@techie.com

Date: Sun, 31 Aug 1997 15:11:01 -0400

From: Jim Lockwood <jmlckwd@mindspring.com>

To: dick@merlin.libelle.com, Old Tube Radios <boatanchors@theporch.com>

Subject: Re: test of time

Message-ID: <3.0.32.19970831151058.006a588c@pop.mindspring.com>

At 08:23 AM 8/31/97 -0700, Dick Flanagan wrote:

>At 5:01 PM -0700 8/30/97, Dale Braun wrote:

>>While no longer in production, something that was around a long time and

>>still is commonly found at hamfests and often duplicated is the Heath

>>Antenna dummy load.

> The Bird 43 would qualify, but, unfortunately,

>the venerable Heath Antenna wouldn't.

Doesn't MFJ make an oil cooled dummy load in a gallon paint can even now?

Seems that they do.

True, the idea that the MFJ dummy load is a "Heath Antenna" is taking the same liberty I proposed with my submission of the quad 811A linear amplifier by MFJ being a lineal descendent of the Heath Warrior..

Grant me this: Each was a sufficiently good idea that the concepts have withstood the test of time by virtue of nearly identical products being sold today.

73,

Jim - km6nk/4

Date: Sun, 31 Aug 1997 16:22:16 -0400

From: J P Taillebois <jpt1@idirect.com>

To: john <johnmb@mindspring.com>, boatanchors@theporch.com

Subject: Re: HOWARD RADIO # 436 need info

Message-ID: <199708312022.QAA29283@nexus.idirect.com>

Thank you very much for everything, let me know the cost of everything.

Best 73

PS.. i do not have the meter option..

----- VE3JPT VE3JPT VE3JPT

Jean Paul Taillebois Interest:
Hallicrafter, Gonset, Johnson, Collins, Military
radios and books.
996 Greenlane Court
Oshawa Ontario Canada
L1K-2C6
voice: 905 723 1811
paket: ve3jpt@va3vw

Date: Sun, 31 Aug 1997 16:30:00 -0400
From: Ed Tanton <n4xy@bellsouth.net>
To: badger@telalink.net
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: You guys think *YOU* get interesting spam? Take a look...
Message-ID: <3.0.1.32.19970831163000.00ae72d0@mail.atl.bellsouth.net>

So Tom... how much you gonna charge him for all that stuff????

//snip

>> GUNand SPARES

- >>1. 155MM M2 & M2A1
- >>2. 105 MM GUN CANNON M-68 FITTED TANK M-48A5
- >>3. HOW MED TOWED 155MM SPARES (HOWILZER GUN)
- >>4. CARRIAGE GUN 155 M-1 AND SPARE
- >>5. 155 MM HOW (SP) GUN M 109A2 AND SPARES

>> RADIO SETS

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- >>2. RADIO SET AN/VRC-1.46 &49
- >>3. RADIO SET AN.PRC-77
- >>4. SEMI CONDUCTOR DIODES

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- >M-SERIES VEHS LIKE
- >>M34-B2 ETC, INCLUDING SPARES PARTS FOR ENGINE AND BODY

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 >>3. ENGINE FOR M-88 A1 (ARV M-88A1) ARMoured RECOVERY VEHICLE
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 >>5. BULLET PROOF JACKET
 >>6. FRAGMENTATION PROTECTION KIT
 >>TRACTOR
 >>1. SPARE PARTS FOR CATERPILLAR MODEL D-4 D7 &D8-ENGINE & TRANSMISSION
 >>
 >>JAVED MIAN
 >>CONTRACTS &PURCHASING DEPT.
 ///snip
 72/73

 Ed Tanton N4XY EMAIL: n4xy@bellsouth.net
 189 Pioneer Trail
 Marietta, GA 30068-3466 TEL: (770)579-3933 V/MBX/FAX

QRP-ARCI #7663	G-QRP #6779	OK-QRP #172	QRP-L #758	
AdvRC #140	NORCAL #1779		NCDXF	SEDXC
Life Member:	ARRL	AMSAT	INDEXA	QCWA

 INTERESTS: DX QRP BoatAnchors Test Equipment Photography
 CW: 99.9% QRP: 95-100% (Mood swings!) Mercury Paddle #0214

~~~~~  
 "Think you can, think you can't: either way you're right!" Henry Ford  
 ~~~~~

 Date: Sun, 31 Aug 1997 14:57:44 -0500 (CDT)

From: Kevin Pease <hamradio@mm1001.theporch.com>
To: boatanchors mailing list <theporch.com!boatanchors@mm1001.theporch.com>
Subject: For Sale Items
Message-ID: <Pine.LNX.3.95.970831143830.3846A-100000@mm1001.theporch.com>

Shack cleaning time. The following items are for sale. These are white collar radios. none of them are musium or pristine collectors quality. They all look presentable but show there age.

Prefer pickup but can be packed at buyers expense.

Johnson Viking Ranger 1 works good on 160 80 and 40 meters. havn't used it above 40 meters so I don't know how it works on the higher bands. Was used primarily for 160 meters. Cabinet looks nice has som extra holes on back and a molex connector for the mute and tr switch contacts. At on time this one was modified for 6 meters but I removed that mod. I have no manual

\$200.00 or make offer or trade for SP-600 etc.

Hamerlund HQ-120. Works good. No Manual. Cabinet is original and has some small dents and dings on lid. Front panel is nice but had some extra holes that are plugged with plastic hole plugs and to me are not noticable since this radio is to be used not collected. Would work nice with the Ranger. It has a damaged terminbal strip on the back for the antenna. I will replace if I have a chance.

\$100.00

Drake B-Line T4XB R4XB MS-4 power supply and speaker and all of the interconnecting cables. I aligned this rig about 4 months ago and it works good. It puts out over 100 watts so The finals are good. I have the original manuals. This rig looks real nice and is clean inside. It has a few nicks and small dents in the cabinet and has spinner knods which are nor original. I have one original knob that Will go on the TX. This is a good white collar rig for vintage ssb and actually sounds pretty good on AM even though it is controlled carier modulation.

\$250.00

All prices above are negotiable and do not include packing and shipping. As stated above I would prefer pickup on these items especially the ranger and HQ-120 since they are heavier.

I would entertain trades for some of the above for an SP-600 or R-390 non A version for the Ranger and HQ-120 or the Ranger or HQ-120 alone depending on the condition of the receiver in the trade. I am also looking for an R-388 non A version.

Kevin Pease
WB0JZG
Mount Juliet, TN.

Date: Sun, 31 Aug 1997 19:43:28 -0300
From: laffitte@prtc.net (laffitte)
To: boatanchors@theporch.com
Subject: R390
Message-ID: <3409F38F.6E6@prtc.net>

Hi Gang:

Hope that you are all enjoying the long weekend. I have a questions for the R390 crowd (maybe most of you). My R390 suddenly developed internal noise that does not come down when you change bands. I know this may come from too much gain in the Gain Adjust potentiometer but my question is why did it develop suddenly. The potentiometer had been properly adjusted before. Anyone with a similar problem?

TNX and 73s
Guido E. Santacana KP4FAR
BA collector in the tropics
San Juan, Puerto Rico

Date: Sun, 31 Aug 1997 20:31:58 -0400
From: J P Taillebois <jpt1@idirect.com>
To: boatanchors@theporch.com
Subject: Need info on BC-375
Message-ID: <199709010031.UAA29357@nexus.idirect.com>

Hello to everyone,

I am looking for a BC-375 (wishfull thinking..) and any info Manuals ect... relating to it. I am also looking for parts of unit. I ahve found so far a couple of tuning units.

thank you in advance.

73

----- VE3JPT VE3JPT VE3JPT

Jean Paul Taillebois Interest:
Hallicrafter, Gonset, Johnson, Collins, Military
radios and books.
996 Greenlane Court
Oshawa Ontario Canada
L1K-2C6
voice: 905 723 1811
paket: ve3jpt@va3vw

Date: Sun, 31 Aug 1997 20:40:12 -0400
From: howellh@winthrop.edu
To: boatanchors@theporch.com
Subject: TR4C
Message-ID: <97083120401269@winthrop.edu>

WINTHROP UNIVERSITY

Electronic Mail Message
Date: 31-Aug-1997 08:33pm EST
From: Haney Howell
HOWELLH
Dept: Mass Communication
Tel No: 323-4534

TO: Remote Addressee (_smtp%"boatanchors@theporch.com")

Subject: TR4C

Cleaning and tweaking up my "Shelby find" TR4C. It loads fine but when the mike is keyed in SSB, the carrier starts creeping up until there is a downward swing on voice peaks. I'm also hearing carrier on the monitor. Any of you Drake mavens have pointers on where to start looking? I have not attempted an alignment. Did try to adjust the carrier balance but can't get the two sides close.

Thanks, folks.

Haney <howellh@winthrop.edu>

Date: Mon, 01 Sep 1997 00:46:13 +0000

From: =?iso-8859-1?Q?WA=D8HQQ?= <tirevold@atl.mindspring.com>
To: boatanchors@theporch.com
Subject: Shelby
Message-ID: <3.0.32.19970901004538.006fcd0c@pop.atl.mindspring.com>

Anchorites,

This event is getting so big, I did not get time to see it all this year. =
We stayed an hour past our usual departure time and still left without=
looking at about 25% of the flea market and at any of the dealers in the=
commercial buildings. Next year, we're going to plan to stay longer -=
perhaps even staying over another night rather than driving back to Atlanta=
on Saturday evening.

A nice HP606A that belonged to John Poulton followed me home, thanks to the=
generosity of Nick England for the loan of his two-wheeled dolly to haul it=
a quarter mile through the heat and the crowds.

I also Barry Ornitz for the first time, and the title 'his eminence' fits=
his image, believe me! I also saw Marty Reynolds and Bob Duckworth - Ask=
them about the electric blue Hallicrafters! Larry Ware and our esteemed=
list owner managed to elude me. =20

The selection of equipment was about the same as last year, except that the=
guys with the \$75 HP counters didn't have another truckload of goodies for=
us this year. Darn!! I heard of a 51S1 located one aisle over from where=
our flea setup was and it disappeared just as I walked up to the spot=
before noon. Oh, well - maybe next year!=20

All in all - Shelby was pleasurable and memorable as usual. Time for me to=
start planning for next year!!

73,

Al

..

WA=D8HQQ - tirevold@mindspring.com - Thermionic Macroelectronics Operator
Trinary-Digital-Communicator (Dots, Dashes, and Spaces)

Date: Sun, 31 Aug 1997 20:51:08 -0400 (EDT)
From: EdKB2NSP@aol.com
To: boatanchors@sco.theporch.com
Subject: NC-300 parts !
Message-ID: <970831205107_-367569606@emout15.mail.aol.com>

My apologies to the list ! I had listed some parts carcasses, and someone had inquired about my NC-300 parts, but I "duhleted" some messages inadvertently !

Try again !

Ed K. Trying to keep our Thermionic Treasures out of Vintage Valhalla !

Date: Sun, 31 Aug 1997 20:32:07 -0500
From: "A.B. Bonds" <ab@vuse.vanderbilt.edu>
To: boatanchors@sco.theporch.com
Subject: Re: Another RCH question
Message-ID: <1.5.4.32.19970901013207.006671a0@mailhost.vuse.vanderbilt.edu>

At 12:05 PM 8/30/97 -0500, you wrote:

>
>OK folks. This one has me stumped. There is nothing really unusual about
>the circuit in this receiver except the detector. Obviously, the left half
>of the 6H6 (plate to IF can, cathode to ground) is the detector itself.
>But what does the other half do and how is R138 adjusted?

>
According to the book, the first half of V107 is the second detector and the other half is in the peak noise limiter circuit. "A variable potentiometer R-138 is provided to adjust the threshold level at which the noise limiter will work." The only formal instructions on how to set it are "The control is provided to adjust the threshold level of the noise limiter circuit to the noise condition aboard ship."

Guess you'll have to get yourself a ship.

73 A. B. Bonds

Date: Mon, 1 Sep 1997 01:39:30 +0000
From: "John H. Dilks III" <oldradio@worldnet.att.net>
To: boatanchors@theporch.com
Subject: Going to Rochester - AWA Meet Sept 3-6, I'm selling...
Message-ID: <19970901013927.AAA22881@LOCALNAME>

I'm going to Rochester - AWA Meet Sept 3-6, Flea starts Wed at 6:00 a.m.
Here's some of what I'm bringing to sell.... All from a big estate!

Boatanchor stuff first.....

Tubes: A real nice selection of radio tubes, tested, cleaned and boxed;
Ceramic: Tube sockets 4-8-9 pin; standoffs - large & small, antenna,
Switches, etc.;
Variables: from small to large transmitting types;
Misc: small parts of every type;
Antenna Tuners: Johnson 275W (2), MFJ-3kw, Home-brew (QST mag.),
plus a 2KW - looks like Collins S-line, but isn't;
Knight 60 Transmitter;
WW-2 Aircraft receiver (ARR-15?);
ART-13 Aircraft transmitter;
Microphones (20): D-104, RCA, American, etc.;
Books (200+): 1920 to 1970, hardbound, ARRL, TV, etc;
Magazines;
Heathkit catalogs (10+);
Radio related papers;
Misc. Radio Parts in boxes and on the ground, so bring your knee pads
so you can do some serious routing!

Audio stuff.....

Two McIntosh MC-60 type A-121 Chrome & in near perfect physical condition
Two McIntosh MC-2105 Solid State amps, like new in Rack panel
(will come out of panel ok, if you want)
one Orban dual reverb model 111B /have box
one Orban Parametric EQ/Notch filter model 642B /have box
one Orban Gated Suppressor/Limiter model 424A /have box
one SAE Solid State Pre Amp model 2100L /have box
one SAE Time Delay Ambiened System model 4011
one SAE Solid State Stereo Parametric EQ model 2800
one SAE Impulse Noise Reduction System model 5000
two Maxson line amps, made for the FAA
also one SONY Quad decoder
and one Electrovoice FM tuner

-----parts-----

Audio transformers, Tubes, Microphones (some RCA), books,
magazines, paper, test equipment, some ham gear, etc.

I should have an "Estate Sale" (home made) sign somewhere,
about 4 tables and a bunch of boxes all over the blacktop.
My trailer is a 14' Box trailer, silver and black. And
I'm suppose to be parked on an end location (turnpike side).
Al Klase, Ludwell Sibly and I should be at four adjoining spots.

See map below.

motel

~~~~~

fleamarket

~~~~~

several rows of vendors

~~~~~

/ / /me /

-----

/ / /me /

grass area

thruway

/---/---/---/

-----

/Al /Lud/me / drive

Klase/wel/me /

-----

grass

Hope to see you there. 73' John Dilks, K2TQN

-----

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.=====
|                                     |
|          http://www.eht.com/oldradio |
|  There's always something new about old radio on our Web Page. |
|          Updated August 19, 1997 - Please visit. |
|                                     |
|=====
```

-----

Date: Sun, 31 Aug 1997 21:00:21 +0000  
From: "Robert Nickels" <ranickel@mwci.net>  
To: boatanchors@theporch.com  
Subject: R-274 - SX-73 parts  
Message-ID: <199709010200.VAA03250@subcellar.mwci.net>

Hi All,

I was able to pick up an R-274 (mil version of Hallicrafters SX-73) today from list member KB0UPL at Dubuque IA hamfest. Works well except for one band, which has a bad coil in the turret. If anyone has a junker or parts radio, or is experienced in making repairs to the turret tuner, I'd sure like to hear from you. Also looking for a few cosmetic parts if I can find 'em...

Thanks and 73,

Bob W9RAN  
ranickel@mwci.net

-----

Date: Mon, 1 Sep 1997 02:37:00 -0700  
From: Bill Coleman N2BC <n2bc@ibm.net>  
To: boatanchors@theporch.com  
Subject: WTB: Collins filters

Message-ID: <BMSMTP8731065420wf2awdc@pop3.ibm.net>

Looking for 500 hz F455FA-05, and 6khz F455FA-60. Anybody??

Zap an email! 73, Bill

-----  
Bill Coleman (N2BC)

-----  
Email: n2bc@ibm.net  
  
-----

Date: Sun, 31 Aug 1997 21:06:29 -0700 (PDT)

From: Ken Gordon <keng@uidaho.edu>

To: glowbugs@www.atl.org

Cc: boatanchors@sco.theporch.com

Subject: Condx...

Message-ID: <Pine.BSF.3.95.970831210212.25102D-100000@piobaire.mines.uidaho.edu>

Band condx seem to have picked up a bit. Have been working stations further east in the last day or two. Of course, getting my antenna fixed probably helped a bit too.

Anyone happening to be listening on 7003, 7015, 7020, or 7050 might keep an ear out for my GRC-109 there.

Is the BA/GB gang still meeting on 7060 periodically, or on 7115 ? Have we decided on a frequency?

I also found an HC-6/U crystal under the chassis of an old TV set someone gave me, at 3579.545. Soldered some pins on it and it works great.

80 meters anyone ?

Kenneth G. Gordon W7EKB

226 N. Washington St.

Moscow, Idaho 83843

(208)-882-8745

Great Highland Pipes, Amateur Radio, Electronic Consulting, Home-Schooling  
Traditional Roman Catholic

College of Mines and Earth Resources

//or// University of Idaho

Moscow, Idaho 83844

(208)-885-6133

My PGP Public Key Upon Request.

-----  
Date: Sun, 31 Aug 1997 23:53:26 -0500 (CDT)

From: Keith Heitzmann <kk5fe@communique.net>

To: boatanchors@sco.theporch.com  
Subject: A weird SX-71 problem solved!  
Message-ID: <2.2.16.19970831235322.294792b2@mail.communique.net>

Hi all,

I just have to share this problem. I have an SX-71 that I received a month or so ago (thanks again Tony!) that was not very sensitive (funny....that's what the XYL says about me!), would only receive very strong signals.

I checked all the obvious stuff, tubes, caps. I found a couple of weak tubes, replaced them. A couple of bad wax caps, replaced them all! Then went thru the re-alignment. It came in great.  
Put the cabinet back together and turned on my newly re-furbished radio and to my surprise, weak signals again!

I pulled it back out of the cabinet again and went thru the re-alignment again. This time I found all the IF cans stayed the same except the 1st IF. It had changed, but could still be tuned to acceptable levels. After I aligned it, I put it flat on the bench, (it had been on its side, so I could get to both sides of the IF cans) it went weak on me again.

I said "&%\$# \$" to my self and looked at the 1st IF section, to make a long story short, the problem was the top slug in the can was broken in half. It would tune ok on its side, but when I put it down, gravity pulled the broken piece down and de-tuned the darn thing.

I happened to have another slug out of another can, took the IF can apart (not fun!) and re-placed the slug.  
Re-aligned again, and this time it works like new.  
I am very new to this, so it may not be a new problem, but a very odd one never the less.

Thanks for reading, and have a good Labor Day,

Keith KK5FE

-----  
-----Keeper of all that I buy-----  
-----AMI# 837-----  
-----Visit my Vintage Radio Web Site-----  
-----<http://www.communique.net/~kk5fe>-----  
Collector of tube radio's and vintage fishing equipment  
-----  
  
-----

End of BOATANCHORS Digest 1647

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>From ???@??? Tue Sep 02 09:32:38 1997  
Message-Id: <199709012055.PAA14004@sco.theporch.com>  
Date: Mon, 1 Sep 1997 15:55:04 CDT  
Subject: BOATANCHORS digest 1648

BOATANCHORS Digest 1648

Topics covered in this issue include:

- 1) Re: A weird SX-71 problem solved! and similar R-1004 problem.  
by Ken Gordon <keng@uidaho.edu>
- 2) GRC-109 and Condx...  
by Ken Gordon <keng@uidaho.edu>
- 3) Stuff FS  
by Phil Mills <pmills@a.crl.com>
- 4) FS: Magazines  
by "Walter Fairclough" <wfairclo@netcom.ca>
- 5) Shelby  
by Dave Wood <W4EJ@coastalnet.com>
- 6) Re: A weird SX-71 problem solved!  
by launerb@crl.com (William H. Launer)
- 7) Flabbergasted  
by "Rhett T. George" <rtg@ee.duke.edu>
- 8) ADMINISTRIVIA: Buying and Selling Guidelines  
by Mail List Owner <listown@jackatak.theporch.com>
- 9) Unusual request for phone ringer help  
by Dexter Francis <cwest@xmission.com>
- 10) Re: test of time  
by Ben Bradley <bradley@norcross.mcs.slb.com>
- 11) Shelby Odd Ditties  
by marty@aa4rm.radio.org (locale for Marty Reynolds)
- 12) RME Stuff/Mil Manuals FS  
by don merz <71333.144@CompuServe.COM>
- 13) Who wanted old QSLs? Free HR0500 50kc upgrade kit.  
by Mike Sanders <k0az@i1.net>
- 14) Short wanted list  
by Mike Sanders <k0az@i1.net>
- 15) BA foe allowed to lie  
by MNHopkins@aol.com
- 16) Mike Quinn Electronics lives (but has moved)!  
by John Poulton <jp@cs.unc.edu>
- 17) HR0 longest lived  
by "Larry" <rau@wco.com>
- 18) 807 longest tube run ?

by "Larry" <rau@wco.com>  
19) OLDEST..how about 1/4"jack ?  
by "Larry" <rau@wco.com>  
20) Affect of Painting Antennas?  
by Jack Harper <jharper@bs2000.com>

-----  
Date: Sun, 31 Aug 1997 22:18:32 -0700 (PDT)  
From: Ken Gordon <keng@uidaho.edu>  
To: Keith Heitzmann <kk5fe@communique.net>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: A weird SX-71 problem solved! and similar R-1004 problem.  
Message-ID: <Pine.BSF.3.95.970831220934.25843B-100000@piobaire.mines.uidaho.edu>

> I said "&%%\$# \$" to my self and looked at the 1st IF section, to make a long  
> story short, the problem was the top slug in the can was broken in half. It  
> would tune ok on its side, but when I put it down, gravity pulled the broken  
> piece down and de-tuned the darn thing.  
>

I recently had a similar problem in an R-1004: T-2, the second IF, wouldn't tune. Turned out that the 100 mmf cap across the secondary coil was open and some bozo had turned the adjusting screw on the slug out so far trying to get it to tune that he had broken the slug off the end of the screw. I gathered up the broken pieces, ground them up in a mortar and pestle, found a drinking straw which was the same diameter as the original slug, mixed the iron powder with some good epoxy glue, and glued the adjusting screw back on the remaining largest un-broken piece of slug. After it set, I carefully peeled the straw off, installed the slug, and a new tubular ceramic cap of the same type that was originally in it, and it worked perfectly.

I hope the problems I am having with the R-390 will be as easily fixed.

Ken W7EKB

-----  
Date: Sun, 31 Aug 1997 22:21:39 -0700 (PDT)  
From: Ken Gordon <keng@uidaho.edu>  
To: glowbugs@www.atl.org  
Cc: boatanchors@sco.theporch.com  
Subject: GRC-109 and Condx...  
Message-ID: <Pine.BSF.3.95.970831221844.25843C-100000@piobaire.mines.uidaho.edu>

Just worked K7TFY in Pittsburgh, Pa. on 14.030. 589 both ways.

40 seems to be pretty hot too. Lotsa weak DX on my favorite frequencies except that they don't hear me yet.

Ken W7EKB

-----  
Date: Mon, 01 Sep 1997 07:35:47 -0500  
From: Phil Mills <pmills@a.crl.com>  
To: boatanchors@theporch.com  
Subject: Stuff FS  
Message-ID: <3.0.1.32.19970901073547.006892a4@a.crl.com>

I have the following items that need to go.....

Westinghouse MW-2 transmitter. This is the 5 KW transmitter piece of an early fifties Air Force transmitting setup....unfortunately I do not have the modulator or power supply. It is about 6 1/2 feet tall and 18 inches wide and has quite a few turns counters and vac variables. Have all coils. \$300, pick up only near Houston, TX.

Spare WL-5736 tube for above xmtr. Glass triode with large copper external anode, stands about 9" tall. \$75 including shipping in US.

National power supplies and modulator. See photo on page 105 of Moore's xmtr book. These are the bottom three units. A modulator that uses a pair of 805's and two power supplies. 1939 vintage. Heavy. Uses lots of Thordarson xfmr's and chokes. \$150 pick up only.

Four new in box GE 6146B's. Moneyback guarantee. \$15 each plus \$3 postage per shipment.

Autek WM-1 computing wattmeter, VG, \$55 shipped in US.

MFJ-411 pocket morse tutor, VG, \$35 shipped in US.

thanks & 73,  
Phil

Phil Mills  
pmills@a.crl.com 281-992-5762 Days  
P.O. Box 1307  
Friendswood, TX 77549-1307

This is a multi-part message in MIME format.

Ham Radio complete year \$10.00, individual issues \$1.00. CQ complete year \$12.00, individual issues \$1.25. QST and 73 complete year \$20.00, individual issues \$2.00. Will not break up complete years or take the lot for \$400.00 plus shipping. All prices are in US dollars plus postage/shipping.

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[illegible]

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-----  
Date: Mon, 1 Sep 1997 10:41:02 -0400 (EDT)  
From: Dave Wood <W4EJ@coastalnet.com>  
To: boatanchors@sco.theporch.com  
Subject: Shelby  
Message-ID: <199709011441.KAA00115@abaco.coastalnet.com>

Well Shelby has come and gone again. Met plenty of BA people including:  
Nick England KD4CPL, Herman Cone N4CH, Bob NA4G, Tim W4TIM, Jack W4KH, Dave  
K4SAN,  
Larry Ware (for the first time) Barry Orniz ( for the first time)& John KF4OYX?  
Nick's associate. Didn't pick up much, I could have just gone to Nick's  
house as most of my finds came from him! Ha. Plenty of fellowship and  
that's the important thing! 73 Dave

-----  
Date: Mon, 1 Sep 1997 10:34:43 -0500  
From: launerb@crl.com (William H. Launer)  
To: boatanchors@theporch.com  
Subject: Re: A weird SX-71 problem solved!  
Message-ID: <v01530501b0308cf4948a@[192.0.2.1]>

I have an SX-62 that was ok on all bands except the am bc band, where it  
only would receive strong local signals. After much frustration, I  
discovered that one of the rf amp coils was open. Using a magnifier, I  
found that one of the coil wires had broken away from its solder terminal.  
By unwinding one turn from the coil, I was able to reterminate the wire.  
This restored the sensitivity.

So, when trouble shooting these old, beloved boatanchors, if the problem  
is on a single band, check for coil continuity, and the solder joints in the  
front end circuitry, as well. Over the years, corrosion takes its toll.

73, Bill wb0cld

Bill Launer  
St. Charles, MO  
launerb@crl.com  
wb0cld@wb0cld.ampr.org [44.46.66.25]  
qrp-l #279 qrp arco #3551  
Grid Square EM48RT

-----  
Date: Mon, 1 Sep 1997 11:36:59 -0400  
From: "Rhett T. George" <rtg@ee.duke.edu>  
To: boatanchors@theporch.com  
Subject: Flabbergasted  
Message-ID: <199709011536.LAA25793@washington.ee.duke.edu>

- Greetings -

It took special skill to stay 180 degrees out of phase with many random signals, but I managed it. I was at Shelby for six hours Saturday and managed to miss seeing everyone. In fact, W4UNC from the local club was the only one I saw whom I knew ahead of time. Come on, guys, what is your secret of seeing so many BA people?

73 Rhett - KE4HIH

-----  
Date: Mon, 1 Sep 97 11:15:01 CDT  
From: Mail List Owner <listown@jackatak.theporch.com>  
To: boatanchors@sco.theporch.com  
Subject: ADMINISTRIVIA: Buying and Selling Guidelines  
Message-ID: <9709011115.aa23171@jackatak.theporch.com>

Gang-

This periodic posting is intended as a gentle nudge and suggestion which should improve the quality of posts to the BoatAnchors list, and maintain our excellent (and high) signal to noise ratio...

The list culture has developed to include "for sale" and "wanted" posts. Originally, all buying and selling traffic was focused on finding parts to complete a restoration. As the list has evolved, there has been an increase in buying and selling activity, which may not be all bad.

There is, however, a real need to observe certain conventions, lest this otherwise benign activity turn into a real disturbance to the real purpose of the list: discussions of radio equipment using vacuum tubes, including the life and times of the designers and users of such gear.

Please observe these guidelines:

- 1) LIMIT the frequency of for sale postings... once a month is a good starting point
- 2) DO NOT post endless "xxx is sold" to the entire list... you offered it for sale, and it is not considerate of list resources (which include the time and energy of the other list members) to burden the list with these senseless notices. Use direct email to those who responded, or, if you don't want to answer them personally, just don't use the list to advertise them for sale!
- 3) AVOID even the mere faint appearance that you are posting items for sale as a regular adjunct to your business dealings. This has become more of a problem lately with some long lists showing up regularly on the main list, or with dealers who appear to be using the list for their personal advertising advantage. Failure to observe these basics \*will\* result in banishment from the list -- just don't do it! When even a shadow of doubt creeps in, read the "Welcome" message again... it spells it out!
- 4) DO be considerate of those on the list in your for sale or wanted postings. Keep them short, infrequent, and ONLY include items specifically appropriate to the list -- NO solid state gear is obvious, but try to avoid pushing the envelope in any area.
- 5) LONG lists and estate offerings should be sent to me at:  
listown@jackatak.theporch.com  
so they may be uploaded to the archives for email or ftp retrieval.  
(We are hoping to have a web page up in the future for these files.)

Thanks for your understanding and help in making the boatanchors list have the highest signal to noise on the InterNet.

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73

Jack, W4KH/Mobile - - - BoatAnchor Mailing List Owner - - -  
listown@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"

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Date: Mon, 01 Sep 1997 11:09:29 -0600  
From: Dexter Francis <cwest@xmission.com>  
To: boatanchors@theporch.com  
Subject: Unusual request for phone ringer help  
Message-ID: <340AF6C8.51E7@xmission.com>

Greetings all -

(I hope Jack will forgive the slightly off subject inquiry.)

I am trying to hook up an external telephone ringer for a neighbor who's hearing is going bad. I have a 50's vintage Western Electric external ringer box that appears to be mostly a electromagnetic bell (solenoid driven clapper) and a capacitor. I assume the proper way to install this is to just hook it across the line and let the cap block the DC. However, as there are two sets of windings on the coil, I'm a bit unsure how to proceed. Has anyone had experience with these that could give me a few pointers?

-df

-----Visit our Web site at-----  
+++++ http://www.xmission.com/~cwest/  
or e-mail to: tubes@usa.net  
+

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Date: Mon, 01 Sep 1997 13:08:04 -0400  
From: Ben Bradley <bradley@norcross.mcs.slb.com>  
To: boatanchors@theporch.com  
Subject: Re: test of time  
Message-ID: <3.0.32.19970901130803.0099b910@norcross.mcs.slb.com>

Dale Braun wrote:

>While no longer in production, something that was around a long time and  
>still is commonly found at hamfests and often duplicated is the Heath  
>Antenna dummy load. Also, I think that the SWR bridge in its many  
>forms should get a vote, not just the Bird.

If a popular 'standard design' device qualifies, what about a VTVM?  
I remember the Heath, and these were also made by Eico, RCA (the VoltOhmyst I've seen around and seen mentioned here), and who else? I assume that like the SWR meter, different manufacturers used pretty much the same schematic (twin triode with resistors from cathodes to ground, meter in between the cathodes). What manufacturer was the first to make one of these?

Dick Flanagan wrote:

>I believe the original poster was looking for long-lived products that were  
>still in production today! The Bird 43 would qualify, but, unfortunately,  
>the venerable Heath Antenna wouldn't.

As many long-lived products wouldn't qualify (if for no other reason than items using receiving tubes such as the VTVM were finally abandoned for that sand stuff, but can't we change the topic a little (as long as it's still BA-related)?

-----  
Ben Bradley, Design Engineer  
Schlumberger MCS  
snail: 3155-B Northwoods Parkway  
Norcross, GA 30071-1576 USA  
email: bradley@norcross.mcs.slb.com  
voice: 770-368-3444 ext. 3191  
fax: 770-840-8614  
-----

Date: Mon, 1 Sep 1997 14:21:10 -0400  
From: marty@aa4rm.radio.org (locale for Marty Reynolds)  
To: boatanchors@theporch.com  
Subject: Shelby Odd Ditties  
Message-ID: <199709011821.0AA08480@aa4rm>

#### Chapter I - Got these:

Ditty 1 is a HUGE regulated B+ source by Power Designs Inc. - a model 323M. It's clearly spent a year or two in the rain but wouldn't you know it it works. A print would be a luxury.

Ditty 2 is a nice Frankenstein panel-mount meter that came out a AM stereo (Moto) trade. Luvvvit. No help needed - it's patent date is now in it's 100th year.

Then there's a Rycom 5147 "Stationman's Amplifier" - a little belt-clip thingie with a T0-5 pkg op-amp & 9V bat. w. probe (input) & rec. (output) jacks. Cutie - anyone know more?

#### Chapter II - In general:

The Shelby trip was just splendid. Nick England, Haney Howell, Larry Ware, B. Duckworth, W2CQH Reed, R Keys, urs truly, and lotsa others made up a corral in the main middle with Nick's huge Yellow-Green Boatanchors banner setting it off - but you had to look up for a few sec.s to spot it. Listown & pal Ariel were up in the "plateau corral" & a little outa the mainstream.

I brought a huge surprise to ARRL TA 'CQH & NA4G - a Wireless Spl Assoc's blue line manual to a 2.5KW 1918 Navy spark set. It'll see a little repair & soon be in the glowworm archives.

Swappin,' tradin,' swimmin' (@ Day's INN), chawin' (@ Fish Camp) &

jawin' all made it fabruous.

Lookin' fwd to '98.

M

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Date: 01 Sep 97 14:48:24 EDT  
From: don merz <71333.144@CompuServe.COM>  
To: <boatanchors@theporch.com>  
Subject: RME Stuff/Mil Manuals FS  
Message-ID: <970901184824\_71333.144\_DHB62-2@CompuServe.COM>

Boatanchors & Literature FS

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228.  
412-234-8819 (weekdays, EST or leave a message anytime).  
71333.144@compuserve.com

RME 45 HF receiver. Late-40's vintage GC receiver in a classis "big-iron" style. This one is missing the 2 vertical trim strips that hold the screws that bolt the font panel to the case. It is also missing 3 tubes. The very light gray paint has some dings and is dirty but should clean up well. No unoriginal holes. All knobs original and dial in nice shape. Untested. As-is. \$75

RME DB-20 preselector. 1939-vintage black wrinkle unit in the smaller, squared-off case that matches the RME-69 radio. Very nice condition inside and out except that one unoriginal control has been added to the front panel. Complete. Untested. \$55

RME DB-20 preselector. 1941-vintage gray powdercoat version of the DB-20 in the taller, cabinet with rounded front corners (that looks like the RME-45 cabinet but I think the DB-22A preselector is the correct match for the RME 45). Looks great. All original. Untested. \$45

RME DB-22A preselector. 1947-vintage preselector that matches the RME-45. This is the most common model. Cabinet lightly repainted with a nice light gray. No unoriginal holes. Chassis shows some corrosion. Power cord cut off. Complete. With manual copy. Untested and assumed to be un-working. \$25

Heathkit EF-1 VTVM applications experimenter/training power supply chassis. On/Off slide switch has been removed. Otherwise nice. \$5

Military hand-crank generator leg set. Complete set of 3 legs (seat leg and 2 straight legs) for GN-43 and similar WWII-era hand-crank generators. Seat leg is brand new. Straight legs have surface rust. \$22/set

Military AN/USM-38 oscilloscope made by Trad Electronics under a 1956 contract. 3" scope good to 6mc. Mid-size tube-type unit thast weighs about 35 pounds. With original manual and all cables and probes neatly packed inside front cover. Some scuffs on case but otherwise brand



new. Has bright but erratic trace. All original. As-is. \$20

Military Manuals. All in excellent condition.

ARTEP 7-15 Training And Evaluation Program For Infantry Battalions.  
Undated. \$2

CUCV Operator Training 3/4 and 1-1/4 Ton Vehicles. 1987. \$3

FC 7-22 Infantry Squad and Platoon Drills. 1985. \$3

FM 7-8 The Infantry Platoon And Squad (Air Assault, Ranger). 1984. \$3

FM 7-10 The Infantry Rifle Company. 1990. \$4

FM 10-68 Aircraft Refueling. 1987. \$3

FM 19-15 Civil Disturbances. 1985. \$3

FM 20-3 Camouflage. 1990. \$3

FM 21-6 How To Prepare And Conduct Military Training. 1975. \$2

FM 22-100 Military Leadership. 1990. \$2

FM 22-102 Soldier Team Development. 1987. \$2

FM 25-1 Training. 1985. \$2

FM 25-3 Training In Units. 1984. \$2

FM 25-4 How To Conduct Training Exercises. 1984. \$3

FM 25-4 How To Conduct Training Exercises. 1984. \$3

FM 25-101 Battle-Focused Training. 1990. \$3

FM 57-38 Pathfinder Operations. 1993. \$2

FM 71-101 Infantry Airborne, And Air Assault Division Operations.  
1950. \$3

FM 100-25 Doctrine For Army Special Operations Forces. 1991.  
500 pages. \$4

FM 100-27 USA/USAF Doctrine For Joint Airborne and Tactical Airlift  
Operations. 1985. \$2

FM 101-5 Staff Organization and Operations. 1984. 500+ pages. \$3

GTA 3-5-13 Chemical Material Contamination Control Guide. This is  
a plastic slide-rule/chart reference. 1981. \$2 each--3 to sell.

GTA 25-6-9 Instructor's MILES Infantry Systems Training Guide.  
1984. \$2

M17A1/M17A2 Care, Maintenance, Fitting and Use of the M17 Protective  
Mask. US Army Chemical School. 1983. \$2

STP 7-11BCHM14-SM-TG Soldiers Manual And Trainer's Guide MOS 11B,  
11H, 11M Infantry. 1988. 750 pages. \$5

STP 9-52D12-SM MOS 52D Power Generation Equipment Repairer. 1989. \$2

STP 21-II-MQS Military Qualification Standards II. Manual Of Common  
tasks. 1987. \$2

STP-21-II-MQS Manual Of Common Tasks For Lieutenants And Captains.  
1991. \$2

STP 21-24-SMCT Soldiers Manual Of Common Tasks. 1992. \$2

TC 11-67 Radar Theory And Servo Systems. 1985. \$4

TC 22-6 The Army Noncommissioned Officer Guide. 1990. \$2

TC 24-21 Tactical Multichannel Radio Communications Techniques.  
1988. \$4

TC 25-6-7 Tactical Engagement Simulation. 1992. \$3

TC 25-20 A Leader's Guide To After-Action Reviews. 1993. \$2

TM 10-8340-211-13 Tent, General Purpose. 1990. \$2  
TM 11-5805 Manual Telephone Switchboard SB-993/GT. 1983. \$2  
TM 11-5820-477-12 Radio Set Control Groups AN/GRA-39. Used With PRC-77,  
VRC-12, -43 thru -49, -53, -64 and GRC-125, -160. \$5  
TM 11-5985-357-13 Antenna Group OE-254/GRC. 1978. \$4  
TRADOC Pamphlet 600-4 IET Soldier's Handbook. 1991. \$2

WANTED

RCA WR-36A Dot-Bar Generator manual copy. Also need a round, blue  
knob for this thing.  
RME 70 receiver manual copy  
RME 84 receiver manual copy  
RME DB-20 preselector manual copy  
Military CME-50063 preselector manual copy. This is a military version  
of the RME DB-20 preselector.

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228.  
412-234-8819 (weekdays, EST or leave a message anytime).  
71333.144@compuserve.com

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Date: Mon, 01 Sep 1997 14:28:48 -0500  
From: Mike Sanders <k0az@i1.net>  
To: boatanchors@theporch.com  
Subject: Who wanted old QSLs? Free HR0500 50kc upgrade kit.  
Message-ID: <3.0.16.19970901135824.2d5f8a46@i1.net>

Greetings All,

There was someone looking for old qsl cards a while back. Anyone  
know who this was? I have looked through last several years of ER  
and QST but no luck.

I have found an upgrade kit for the 50kc osc in the HR0500. Anyone  
need this? 73, Mike K0AZ

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Date: Mon, 01 Sep 1997 14:28:50 -0500  
From: Mike Sanders <k0az@i1.net>  
To: boatanchors@theporch.com  
Cc: baswaplist@foothill.net  
Subject: Short wanted list  
Message-ID: <3.0.16.19970901142323.225fc2c2@i1.net>

Greetings All, I am still looking for a few items. (Actually a lot  
but I will only list a few).

Wanted:

National HR050    A coil

National NC303 speaker. I have and excellent earlier speaker for trade.

Drake Transceiver (not transmitter) USB filter or junk unit with  
good filter in it.

Drake RV4C remote vfo in excellent condition.

Collins filter. 1.5kc for 75A4

Heath HD1410 keyer manual or copy

73, Mike K0AZ

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Date: Mon, 1 Sep 1997 15:36:52 -0400 (EDT)

From: MNHopkins@aol.com

To: Boatanchors@theporch.com

Cc: SINNED@vnet.ibm.com, Kbritain@johnstontech.com

Subject: BA foe allowed to lie

Message-ID: <970901153647\_825021572@emout07.mail.aol.com>

Call me Siegfried.

Except I don't have a magic sword so I have to let the dragon sleep. But I keep my eye on it and its threatening legend: Regency.

QST said it all over 40 years ago. "The ATC-1 converter...is the first piece of practical receiving gear offered the amateur in which the functions normally performed by tubes have been taken over completely by semiconductor devices" (QST, Feb. 1957, p 19). It was the first raindrop in the flood.

Popular Electronics gave it a cover, which is like the Rome Reporter naming Alaric the Red man of the year. It sleeps now, deprived of its 3 AA penlite cells so its push-to-light tuning knob cannot make it glow and its two actives (SB-100, 2N169A) cannot again rampage. It has been here for months, but I am still afraid.

I found it in the first 5 min of Dallas' First Saturday ham/computer tailgatefest. I had searched for nearly two decades, but my friend, a broadcast radio person of the Atwater Kent stripe, did not know what he put out on the table -- an innocent with a neutron bomb. "Its worth \$5, I guess" he said. Its worth \$5. In 1957 it was \$79.95. So it came home and sits, as if about to pounce from the four suction cups someone added to allow dashboard mounting. QST measured 5 1/2 X 3 1/2 X 4 1/2 inches. Tiny, but so is a Brown Recluse or one of those boy scout snakes that "hurt a fellow."

I was for years a converter collector, but it made me sell off everything except the VHF stuff and one LaFayette/Trio Precon I forgot to list. Such is

its power even in slumber. But what if I awoke it? The 4.5 volts could not again shread amateur radio. The deed is done and only we are left -- collector/users, BA types. It would come for us the way my kid's ferret moves in on a waterbug; singleminded and invincible. A set of S-Lines would be stacked under a table with a cardboard sign saying "make offer" while the Hammarlnd HQ-215s, Drake SPR4s and LaFayette HA-800s would be on the Concorde for Japan. Sure, my three Radio Shack Globe Patrol regens would put the kids thru at least junior college, but could I live to see grandchildren enter a world in which the Heath Mohican becomes a model of stability and at Dayton rumors circulate about a Ten-Tec PM-1 new in box?

So it sits. I sit and it calls to me as if Jason, but I do not answer. If I were a YL you could call me Pandora.

de ab5l, MNHopkins@AOL.com

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Date: Mon, 1 Sep 1997 16:04:55 -0400 (EDT)  
From: John Poulton <jp@cs.unc.edu>  
To: boatanchors@theporch.com  
Subject: Mike Quinn Electronics lives (but has moved)!  
Message-ID: <199709012004.QAA04766@mira.cs.unc.edu>

For us East-coast, surplus-store-deprived boatanchorites, no trip to the San Francisco Bay/Silicon Valley area would be complete without a visit to Mike Quinn Electronics. Image our dismay when we got to the corner of Doolittle and Langley (at the Oakland Airport) only to discover that the ancient decrepit building that used to house Mike Q's is empty. Picked clean. But, not to fear: Mike's has just moved to a nicer place, and it's only a mile or two away.

For those of you who've been there, just turn around, go south on Doolittle, past the airport, and look for Adams Street ( a left turn only). Mike Q's is about three blocks up on the corner of Adams and McCormick, and it's still pretty cool. In spite of being in the new location only a few months, somehow they've managed to acquire that 'lived in', piled to the ceiling feeling of the old place. It's great. And their prices aren't bad either. When I didn't have the exact change to pay for a fistful of terminal strips, the guy behind the counter told me "just pay me next time you're in". Their phone number is 510-569-1539 or -3884.

BUT, do go to Mike Q's old location and visit the Western Air Museum. You can see their Short Solent flying boat from the street (Doolittle), a huge 34-passenger monster with four giant radial engines. They have

a great tour of this amazing plane (used, among other things, as a prop in Indiana Jones and the Raiders of the Lost Ark). The museum is musty, funky, and eclectic. In short, a must-see for any airplane enthusiast. Don't miss the Lockheed Electra or the cutaway Wright Turbo Compound, which they'll actually spin up for you, if you ask!

It's kinda hard to find. If you go past the flying boat visible from Doolittle on the left heading north, take the next left onto Langley, then left again on Boeing, and go to the end. Well worth the trip, and they need the money (\$4 admission, \$2 for the flying boat tour).

If anyone on the list is going to the Bay Area, has never been to Mike Quinn's and wants to visit these two sites, let me know, and I'll pass on full directions.

73

John Poulton KF40ZY

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Date: Mon, 1 Sep 1997 14:11:16 -0700  
From: "Larry" <rau@wco.com>  
To: "boatanchors" <boatanchors@theporch.com>  
Subject: HRO longest lived  
Message-ID: <199709012013.NAA23930@shell.wco.com>

end message larry W6WUH

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Date: Mon, 1 Sep 1997 14:19:18 -0700  
From: "Larry" <rau@wco.com>  
To: "boatanchors" <boatanchors@theporch.com>  
Subject: 807 longest tube run ?  
Message-ID: <199709012021.NAA25813@shell.wco.com>

I believe the 807 enjoyed the longest production run of any single tube , it began life in the late 19 30's and was still being produced in the 1960's for a run of at least 30 years..maybe longer 6l6's which are still being made today may have it beat.. and the 6l6 was certainly on the scene by about 1939... 811's are being made again.. so there is an argument there.. but for continuous production i vote for 807 in the rf/af acategorey and the 6l6 in the audio and (nominal rf) category. oh god I'm gonna get flamed bt every grown up kid who had a red hot 6l6 12 watt oscillator cw rig for calling it an audio tube...

Larry W6WUH

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Date: Mon, 1 Sep 1997 14:27:53 -0700  
From: "Larry" <rau@wco.com>  
To: "boatanchors" <boatanchors@theporch.com>  
Subject: OLDEST..how about 1/4"jack ?  
Message-ID: <199709012030.NAA27387@shell.wco.com>

The 1/4" phone jack goes back to the early 1930s, when it vied with tip jacks as the standard method for connection headphones and later keys. It has been in continuous production without doubt for over 65 years...still not as long as the vibroplex or other kinds of bugs..of course straight keys predate radio itself by a good 50 years .. so were talking about almost 150 years of continuous use and production !

Larry W6WUH

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Date: Mon, 01 Sep 1997 14:51:16 -0600  
From: Jack Harper <jharper@bs2000.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Affect of Painting Antennas?  
Message-ID: <3.0.1.32.19970901145116.00b0cfa0@teal.csn.net>

Hello All...

I run a HyGain Hy-Tower vertical that is about 50' tall or so.

In the interest of continuing to maintain some semblance of familial tranquility, I am \*considering\* the idea of painting the thing a greenish-brown or black (might actually look pretty good in black) so that it doesn't glisten in the light quite so brightly. We live in the middle of a horde of pine trees so such paint would, I think, make the antenna almost disappear.

I have NOT mentioned this possibility to my wife (her birthday is coming up :) as it is not at all clear to me that I should or that I really want to paint it -- but I do think that she (and the neighbors) would look at the thing a bit more fondly if it didn't stare back at them quite so blatantly... I find it to be, of course, a most beautiful thing and look forward to my first glimpse of the antenna when I come home from work ("eye of the beholder" etc).

Question: Does anyone have any idea of what affect 'paint' would have on such an antenna? The Hy-Tower is a vertical 'hot tower' in that the entire beast is supported on insulators from the ground and then driven by a Hammarlund HX-50/HXL-ONE transmitter/amplifier. What sort of paint is used

on similar driven towers in the BC broadcast world (Bobbi?)... Skin effect?  
Might there be a difference especially for received signals? etc...

Appreciate any information/feedback...

Regards to all...

Jack, KC0LR (Friend to all things Hammarlund)

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Jack Harper  
303-277-1892

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Golden, Colorado USA

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Visit our Web Page: <http://www.bs2000.com/talos> (Last Update: 970520)  
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End of BOATANCHORS Digest 1648  
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